9051 Mira Mesa Blvd, #910094
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PFDN6 Human

Prefoldin Subunit 6 Human Recombinant
RCP1632

Product Overview

Name	PFDN6 Human
Description	
Prefoldin Subunit 6 Human Recombinant	
Accession (Primary)	O15212
Synonyms	
Prefoldin Subunit 6, PFD6, H2-KE2, KE-2, HKE2, HLA class II region expressed gene KE2, MGC70744.	
Introduction	
PFDN6 is a subunit of the heteromeric prefoldin complex that chaperones developing actin and alpha- and beta-tubulin chains until they are transferred to the cytosolic chaperonin containing TCP1 (CCT) complex. PFDN6 binds specifically to cytosolic chaperonin (c-CPN), transfers target proteins to it and bind to developing polypeptide chain to promote folding in a setting where there are many competing pathways for nonnative proteins.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
The PFDN6 protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl buffer (pH8.0), 100mM NaCl, 1mM DTT and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MAELIQKKLQ GEVEKYQQLQ KDLSKSMSGR QKLEAQLTEN NIVKEELALL DGSNVVFKLL GPVLVKQELG EARATVGKRL DYITAEIKRY ESQLRDLERQ SEQQRETLAQ LQQEFQRAQA AKAGAPGKA	
Precautions	

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PFDN6 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O15212)